

REMARKS

Claims 12-14, 16 and 17 are pending in the application and stand rejected.

Rejection under 35 U.S.C §112

Claim 13 stand rejected under 35 U.S.C. 112, second paragraph, as being indefinite for lacking antecedent basis for reciting “the first mode or the second mode.” Applicants have amended claim 13 to rectify this error, and respectfully request withdrawal of this rejection.

Rejection under 35 U.S.C §102

Claims 12 and 14 stand rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Pat. No. 6,624,801 to Moriyama. Applicants respectfully disagree with the Examiner but, in the interest of passing this case to issue, have amended claim 12 to more clearly set forth the novel differences between this reference and the claimed invention. As presently amended, claim 12 recites that the Thin Film Transistor array frame is divided into a first zone and a second zone, the first zone grouped into a graphic region and the second zone grouped into a non-graphic region. Applicants submit that Moriyama does not teach, disclose or suggest a first zone grouped into a graphic region and driven with a line inversion and a second zone grouped into a non-graphic region and driven with a frame inversion.

Moriyama teaches a display region 31 and a display region 32, as shown in Fig. 4. According to col. 9 line 57 – col. 10 line 5, the first display region 31 displays a battery remaining amount (non-graphic), and the second display region 32 displays pictures (graphic). Moreover, according to col. 16 lines 33-35, the first display region 31 employs row line inversion drive, and the second display region 32 employs row frame inversion drive. In other words, the first display region 31 is a non-graphic region and driven with row line inversion, and the second display region 32 is a graphic region and driven with frame inversion. Clearly, Moriyama does not teach the limitations of amended claim 12 as set forth above, and Applicants respectfully request the Examiner to kindly reconsider and pass this claim to issue.

Claim 14 has been canceled.

Rejection under 35 U.S.C §103

Claims 13, 16 and 17 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Moriyama in view of U.S. Pat. No. 6,778,160 to Kubota. Applicants respectfully traverse this rejection.

Claim 13 depends from claim 12 and thus, in light of the above discussion of claim 12, Applicants submit that claim 13 is also allowable at least based on its dependency on claim 12.

Claim 17 has been canceled.

Claim 16 has been amended in a manner similar to claim 12 to recite a first zone driven with the line inversion and grouped into a graphic region, and a second zone driven with the frame inversion and grouped into a non-graphic region. As previously explained, Moriyama does not disclose these features. Furthermore, Applicants submit that Kubota also does not teach these features. Should the Examiner disagree, Applicants respectfully request that the Examiner comply with the requirements posited in 37 C.F.R. 1.104(c)2 by clearly and specifically pointing out where Kubota discloses these features, or else to kindly reconsider and pass this claim to issue.

In view of the above, Applicants submit that the application is now in condition for allowance and respectfully urge the Examiner to pass this case to issue.

The Commissioner is authorized to charge any additional fees which may be required or credit overpayment to deposit account no. 12-0415. In particular, if this response is not timely filed, the Commissioner is authorized to treat this response as including a petition to extend the time period pursuant to 37 CFR 1.136(a) requesting an extension of time of the number of months necessary to make this response timely filed and the petition fee due in connection therewith may be charged to deposit account no. 12-0415.

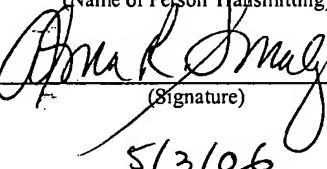
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May 3, 2006

(Date of Transmission)

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(Name of Person Transmitting)


(Signature)

5/3/06

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Respectfully submitted,



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